

Title (en)  
FLUID PUMP AND MOTOR

Title (de)  
FLUIDPUMPE UND MOTOR

Title (fr)  
POMPE POUR FLUIDE ET MOTEUR

Publication  
**EP 1633982 A1 20060315 (EN)**

Application  
**EP 04773910 A 20040611**

Priority  

- KR 2004001391 W 20040611
- KR 20030038367 A 20030613
- KR 20040004799 A 20040126

Abstract (en)  
[origin: WO2004111459A1] A fluid pump of the present invention comprises a rotating chamber; a rotor which rotates about a rotating axis within the rotating chamber and includes a hub and a vane protruding radially outward from the hub; and a pair of blocking walls which cooperate with the vane and linearly move upon rotation of the rotor. A suction port for suction of a fluid and a discharge port for discharge of the fluid are provided at both positions adjacent to the pair of the blocking walls which are interposed between the ports.

IPC 1-7  
**F04C 18/344**

IPC 8 full level  
**F04C 2/356** (2006.01); **F04C 14/26** (2006.01)

CPC (source: EP US)  
**F04C 2/3568** (2013.01 - EP US); **F04C 14/26** (2013.01 - EP US)

Cited by  
CN108087267A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004111459 A1 20041223**; AU 2004248059 A1 20041223; BR PI0411395 A 20060718; CA 2527859 A1 20041223; EP 1633982 A1 20060315; JP 2006527333 A 20061130; MX PA05013217 A 20060309; RU 2006101993 A 20060610; US 2008131298 A1 20080605

DOCDB simple family (application)  
**KR 2004001391 W 20040611**; AU 2004248059 A 20040611; BR PI0411395 A 20040611; CA 2527859 A 20040611; EP 04773910 A 20040611; JP 2006516920 A 20040611; MX PA05013217 A 20040611; RU 2006101993 A 20040611; US 56053604 A 20040611